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OM protein - protein search, using sw model

Run on: December 27, 2005, 22:37:00 ; Search time 23 Seconds
(without alignments)
68.297 Million cell updates/sec

Title: US-10-758-572-1
Perfect score: 122
Sequence: 1 GYVSWIRPPGKGEWIG 19

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues
Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents_AA.*
1: /cgn2_6/ptodata/1/iaa/5 COMB.pep.*
2: /cgn2_6/ptodata/1/iaa/6 COMB.pep.*
3: /cgn2_6/ptodata/1/iaa/H COMB.pep.*
4: /cgn2_6/ptodata/1/iaa/PCUS COMB.pep.*
5: /cgn2_6/ptodata/1/iaa/RE COMB.pep.*
6: /cgn2_6/ptodata/1/iaa/backfiles.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	115	94.3	119	1	US-08-428-197-16
2	115	94.3	119	4	PCT-US93-10555-16
3	114	93.4	97	2	US-10-194-975-40
4	114	93.4	97	2	US-10-194-975-49
5	114	93.4	97	2	US-10-194-975-50
6	114	93.4	97	2	US-08-896-535-76
7	114	93.4	116	2	US-08-545-809A-118
8	114	93.4	116	2	US-09-515-697-118
9	114	93.4	123	2	US-08-793-450-4
10	114	93.4	139	2	US-09-203-768A-2
11	114	93.4	472	2	US-08-793-450-8
12	114	93.4	473	2	US-09-049-672A-4
13	111	91.0	117	2	US-10-432-006-5
14	110	90.2	98	2	US-10-194-975-44
15	110	90.2	117	2	US-09-720-493-2
16	110	90.2	124	1	US-08-478-039-78
17	110	90.2	124	1	US-08-476-349A-78
18	108	88.5	76	2	US-08-851-362D-22
19	108	88.5	94	2	US-10-330-613A-70
20	108	88.5	96	2	US-08-851-362D-35
21	108	88.5	96	2	US-10-330-613A-42
22	108	88.5	96	2	US-10-330-613A-50
23	108	88.5	97	2	US-08-851-362D-33
24	108	88.5	97	2	US-10-194-975-42
25	108	88.5	97	2	US-10-194-975-52
26	108	88.5	97	2	US-10-194-975-53
27	108	88.5	97	2	US-10-330-613A-41

28	108	88.5	97	2	US-10-330-613A-49	Sequence 49, Appl
29	108	88.5	97	2	US-10-330-613A-69	Sequence 69, Appl
30	108	88.5	98	1	US-08-478-039-75	Sequence 75, Appl
31	108	88.5	98	1	US-08-476-349A-75	Sequence 75, Appl
32	108	88.5	99	2	US-10-194-975-38	Sequence 38, Appl
33	108	88.5	99	2	US-10-194-975-43	Sequence 43, Appl
34	108	88.5	116	2	US-08-545-809A-140	Sequence 140, App
35	108	88.5	116	2	US-09-515-697-140	Sequence 140, App
36	108	88.5	117	2	US-08-851-362D-48	Sequence 48, Appl
37	108	88.5	117	2	US-09-232-290-47	Sequence 47, Appl
38	108	88.5	118	2	US-08-545-809A-142	Sequence 142, App
39	108	88.5	118	2	US-08-851-362D-47	Sequence 47, Appl
40	108	88.5	118	2	US-09-025-769B-25	Sequence 25, Appl
41	108	88.5	118	2	US-09-490-070A-25	Sequence 25, Appl
42	108	88.5	118	2	US-09-490-153-25	Sequence 25, Appl
43	108	88.5	118	2	US-09-490-324-25	Sequence 25, Appl
44	108	88.5	118	2	US-09-515-697-142	Sequence 142, App
45	108	88.5	119	1	US-08-652-816A-10	Sequence 10, Appl

ALIGNMENTS

RESULT 1
US-08-428-197-16
; Sequence 16, Application US/08428197
; Patent No. 5891438
; GENERAL INFORMATION:
; APPLICANT: SILVERMAN, GREGG J.
; TITLE OF INVENTION: METHOD FOR STIMULATING PRODUCTION OF
; TITLE OF INVENTION: VARIABLE REGION GENE FAMILY RESTRICTED ANTIBODIES THROUGH
; TITLE OF INVENTION: VACCINATION WITH A B-CELL SUPERANTIGEN AND CONJUGATES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East - Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/428,197
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10555
; FILING DATE: 29-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Howells, Stacy L.
; REGISTRATION NUMBER: 34,842
; REFERENCE/DOCKET NUMBER: FD-2630
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; IMMEDIATE SOURCE:
; CLONE: LES
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..119
US-08-428-197-16

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Query Match      94.3%; Score 115; DB 1; Length 119;
Best Local Similarity 89.5%; Pred. No. 1e-07;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GYWSWIRQPPGKGEEWIG 19
   |||||:|||||:|||||
Db 31 GYWSWVRQPPGKGPEWIG 49

RESULT 2
PCT-US93-10555-16
; Sequence 16, Application PC/TUS9310555
; GENERAL INFORMATION:
; APPLICANT: SILVERMAN, GREGG J.
; TITLE OF INVENTION: METHOD FOR STIMULATING PRODUCTION OF
; TITLE OF INVENTION: VARIABLE REGION GENE FAMILY RESTRICTED ANTIBODIES THROUGH
; TITLE OF INVENTION: VACCINATION WITH A B-CELL SUPERANTIGEN AND CONJUGATES
; TITLE OF INVENTION: THEREOF
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Spensley Horn Jubas & Lubitz
; STREET: 1880 Century Park East - Suite 500
; CITY: Los Angeles
; STATE: California
; COUNTRY: USA
; ZIP: 90067
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/10555
; FILING DATE: 29-OCT-1993
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Howells, Stacy L.
; REGISTRATION NUMBER: 34,842
; REFERENCE/DOCKET NUMBER: FD-2630
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 455-5100
; TELEFAX: (619) 455-5110
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; IMMEDIATE SOURCE:
; CLONE: LES
; FEATURE:
; NAME/KEY: Peptide
; LOCATION: 1..119
PCT-US93-10555-16

Query Match      94.3%; Score 115; DB 4; Length 119;
Best Local Similarity 89.5%; Pred. No. 1e-07;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GYWSWIRQPPGKGEEWIG 19
   |||||:|||||:|||||
Db 31 GYWSWVRQPPGKGPEWIG 49

RESULT 3
US-10-194-975-40
; Sequence 40, Application US/10194975
; Patent No. 6881557
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 97
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-40

Query Match      93.4%; Score 114; DB 2; Length 97;
Best Local Similarity 94.7%; Pred. No. 1.1e-07;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GYWSWIRQPPGKGEEWIG 19
   |||||:|||||:|||||
Db 31 GYWSWVRQPPGKGLEWIG 49

RESULT 4
US-10-194-975-49
; Sequence 49, Application US/10194975
; Patent No. 6881557
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 49
; LENGTH: 97
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-49

Query Match      93.4%; Score 114; DB 2; Length 97;
Best Local Similarity 94.7%; Pred. No. 1.1e-07;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GYWSWIRQPPGKGEEWIG 19
   |||||:|||||:|||||
Db 31 GYWSWVRQPPGKGLEWIG 49

RESULT 5
US-10-194-975-50
; Sequence 50, Application US/10194975
; Patent No. 6881557
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 97
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-50

Query Match      93.4%; Score 114; DB 2; Length 97;
Best Local Similarity 94.7%; Pred. No. 1.1e-07;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GYWSWIRQPPGKGIEWIG 19
|||||
Db 31 GYWSWIRQPPGKGIEWIG 49

RESULT 6

US-08-896-535-76
; Sequence 76, Application US/08896535
; Patent No. 6936464
; GENERAL INFORMATION:
; APPLICANT: Zhu, Delin
; APPLICANT: Hawkins, Robert Edward
; APPLICANT: Russell, Stephen James
; APPLICANT: Stevenson, Freda Katherine
; APPLICANT: Winter, Gregory Paul
; TITLE OF INVENTION: Improvements in or Relating to
; TITLE OF INVENTION: Immune Responses to Fusion Proteins
; NUMBER OF SEQUENCES: 79
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pillsbury Madison & Sutro, L.L.P.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC Compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MS Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/896.535
; FILING DATE: 18-JUL-1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/411,622
; FILING DATE: 14-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB93/02054
; FILING DATE: 04-OCT-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9220808.1
; FILING DATE: 02-OCT-1992
; INFORMATION FOR SEQ ID NO: 76:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 97 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide

US-08-896-535-76

Query Match 93.4%; Score 114; DB 2; Length 97;
Best Local Similarity 94.7%; Pred. No. 1.1e-07;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GYWSWIRQPPGKGIEWIG 19
|||||
Db 31 GYWSWIRQPPGKGIEWIG 49

RESULT 7

US-08-545-809A-118
; Sequence 118, Application US/08545809A
; Patent No. 6096878
; GENERAL INFORMATION:
; APPLICANT: Honjo, Tasuku
; APPLICANT: Matsuda, Fumihiko
; TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
; TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
; NUMBER OF SEQUENCES: 145

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,809A
; FILING DATE: 27-MAR-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/00603
; FILING DATE: 10-MAY-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Freeman, John W.
; REGISTRATION NUMBER: 29,066
; REFERENCE/DOCKET NUMBER: 06501/004001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 116 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-545-809A-118

Query Match 93.4%; Score 114; DB 2; Length 116;
Best Local Similarity 94.7%; Pred. No. 1.3e-07;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GYWSWIRQPPGKGIEWIG 19
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Db 50 GYWSWIRQPPGKGIEWIG 68

RESULT 8

US-09-515-697-118
; Sequence 118, Application US/09515697
; Patent No. 6936705
; GENERAL INFORMATION:
; APPLICANT: Honjo, Tasuku
; APPLICANT: Matsuda, Fumihiko
; TITLE OF INVENTION: HUMAN IMMUNOGLOBULIN VH GENE
; TITLE OF INVENTION: SEGMENTS AND DNA FRAGMENTS CONTAINING THE SAME
; NUMBER OF SEQUENCES: 145
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/515,697
; FILING DATE: 29-Feb-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/545,809
; FILING DATE: 27-MAR-1996
; APPLICATION NUMBER: PCT/JP93/00603
; FILING DATE: 10-MAY-1993

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;
;
; ATTORNEY/AGENT INFORMATION:
;   NAME: Freeman, John W.
;   REGISTRATION NUMBER: 29,066
;   REFERENCE/DOCKET NUMBER: 06501/004001
;
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: 617-542-5070
;   TELEFAX: 617-542-8906
;   TELEX: 200154
;
; INFORMATION FOR SEQ ID NO: 118:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 116 amino acids
;     TYPE: amino acid
;     TOPOLOGY: linear
;   MOLECULE TYPE: protein
;   SEQUENCE DESCRIPTION: SEQ ID NO: 118:
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; US-09-515-697-118
;
;
; Query Match          93.4%; Score 114; DB 2; Length 116;
; Best Local Similarity 94.7%; Pred. No. 1.3e-07;
; Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; Qy 1 GYWSWIRQPPGKGEWIG 19
;    |||||
; Db 50 GYWSWIRQPPGKGEWIG 68
;
;
; RESULT 9
; US-08-793-450-4
; Sequence 4, Application US/08793450
; Patent No. 6312690
; GENERAL INFORMATION:
;   APPLICANT: EDELMAN, LENA
;   APPLICANT: MARGARITTE, CHRISTEL
;   APPLICANT: KACZOREK, MICHEL
;   APPLICANT: CHAABIHI, HASSAN
;   TITLE OF INVENTION: MONOCLONAL RECOMBINANT ANTI-RHESUS D
;   NUMBER OF SEQUENCES: 25
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
;     STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
;     CITY: ARLINGTON
;     STATE: VA
;     COUNTRY: USA
;     ZIP: 22202
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/793,450
;     FILING DATE: 03-MAR-1997
;     CLASSIFICATION: 536
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: FR 94/10566
;     FILING DATE: 02-SEP-1994
;   ATTORNEY/AGENT INFORMATION:
;     NAME: OBLON, NORMAN F.
;     REGISTRATION NUMBER: 24,618
;     REFERENCE/DOCKET NUMBER: 660-118-0 PCT
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: 703-413-3000
;     TELEFAX: 703-413-2220
;   INFORMATION FOR SEQ ID NO: 4:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 123 amino acids
;       TYPE: amino acid
;       TOPOLOGY: linear
;     MOLECULE TYPE: protein
;   US-08-793-450-4
;
;
; Query Match          93.4%; Score 114; DB 2; Length 123;
; Best Local Similarity 94.7%; Pred. No. 1.4e-07;
; Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
;
; Qy 1 GYWSWIRQPPGKGEWIG 19
;    |||||
; Db 31 GYWSWIRQPPGKGEWIG 49
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; RESULT 10
; US-09-203-768A-2
; Sequence 2, Application US/09203768A
; Patent No. 6787638
; GENERAL INFORMATION:
;   APPLICANT: Huse, William D.
;   APPLICANT: Watkins, Jeffrey D.
;   TITLE OF INVENTION: Tumor Specific Human Monoclonal Antibodies and Methods
;   TITLE OF INVENTION: of Use
;   FILE REFERENCE: P-IX 2947
;   CURRENT APPLICATION NUMBER: US/09/203,768A
;   CURRENT FILING DATE: 1998-12-02
;   NUMBER OF SEQ ID NOS: 8
;   SOFTWARE: PatentIn Ver. 2.0
;   SEQ ID NO 2
;   LENGTH: 139
;   TYPE: PRT
;   ORGANISM: Homo sapiens
;   US-09-203-768A-2
;
;
; Query Match          93.4%; Score 114; DB 2; Length 139;
; Best Local Similarity 94.7%; Pred. No. 1.6e-07;
; Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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; Qy 1 GYWSWIRQPPGKGEWIG 19
;    |||||
; Db 50 GYWSWIRQPPGKGEWIG 68
;
;
; RESULT 11
; US-08-793-450-8
; Sequence 8, Application US/08793450
; Patent No. 6312690
; GENERAL INFORMATION:
;   APPLICANT: EDELMAN, LENA
;   APPLICANT: MARGARITTE, CHRISTEL
;   APPLICANT: KACZOREK, MICHEL
;   APPLICANT: CHAABIHI, HASSAN
;   TITLE OF INVENTION: MONOCLONAL RECOMBINANT ANTI-RHESUS D
;   NUMBER OF SEQUENCES: 25
;   CORRESPONDENCE ADDRESS:
;     ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
;     STREET: 1755 SOUTH JEFFERSON DAVIS HIGHWAY, SUITE 400
;     CITY: ARLINGTON
;     STATE: VA
;     COUNTRY: USA
;     ZIP: 22202
;   COMPUTER READABLE FORM:
;     MEDIUM TYPE: Floppy disk
;     COMPUTER: IBM PC compatible
;     OPERATING SYSTEM: PC-DOS/MS-DOS
;     SOFTWARE: PatentIn Release #1.0, Version #1.30
;   CURRENT APPLICATION DATA:
;     APPLICATION NUMBER: US/08/793,450
;     FILING DATE: 03-MAR-1997
;     CLASSIFICATION: 536
;   PRIOR APPLICATION DATA:
;     APPLICATION NUMBER: FR 94/10566
;     FILING DATE: 02-SEP-1994
;   ATTORNEY/AGENT INFORMATION:
;     NAME: OBLON, NORMAN F.
;     REGISTRATION NUMBER: 24,618
;     REFERENCE/DOCKET NUMBER: 660-118-0 PCT
;   TELECOMMUNICATION INFORMATION:
;     TELEPHONE: 703-413-3000
;     TELEFAX: 703-413-2220
;   INFORMATION FOR SEQ ID NO: 4:
;     SEQUENCE CHARACTERISTICS:
;       LENGTH: 123 amino acids
;       TYPE: amino acid
;       TOPOLOGY: linear
;     MOLECULE TYPE: protein
;   US-08-793-450-4
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; REFERENCE/DOCKET NUMBER: 660-118-0 PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-413-3000
; TELEFAX: 703-413-2220
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 472 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-793-450-8

Query Match 93.4%; Score 114; DB 2; Length 472;
Best Local Similarity 94.7%; Pred. No. 5.4e-07;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GYWSWIRQPPGKGLEWIG 19
Db 50 GYWSWIRQPPGKGLEWIG 68

RESULT 12
US-09-049-672A-4
; Sequence 4, Application US/09049672A
; Patent No. 6135941
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; APPLICANT: Lal, Preeti
; APPLICANT: Tang, Y. Tom
; APPLICANT: Yue, Henry
; APPLICANT: Au-young, Janice
; APPLICANT: Corley, Neil C.
; APPLICANT: Guegler, Karl J.
; APPLICANT: Baughn, Mariah R.
; TITLE OF INVENTION: HUMAN IMMUNE SYSTEM ASSOCIATED PROTEINS
; NUMBER OF SEQUENCES: 28
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/049,672A
; FILING DATE: HEREWITH
; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Carrone, Michael C
; REGISTRATION NUMBER: 39,132
; REFERENCE/DOCKET NUMBER: PF-0497 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-855-0555
; TELEFAX: 650-845-4166
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 473 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: PANCTUT01
; CLONE: 1513264
US-09-049-672A-4

Query Match 93.4%; Score 114; DB 2; Length 473;
Best Local Similarity 94.7%; Pred. No. 5.4e-07;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GYWSWIRQPPGKGLEWIG 19
Db 52 GYWSWIRQPPGKGLEWIG 70

RESULT 13
US-10-432-006-5
; Sequence 5, Application US/10432006
; Patent No. 6924362
; GENERAL INFORMATION:
; APPLICANT: Schofield, Darren
; APPLICANT: Emerson, Suzanne U.
; APPLICANT: Purcell, Robert H.
; APPLICANT: Alter, Harvey J.
; TITLE OF INVENTION: MONOCLONAL ANTIBODIES SPECIFIC FOR THE E2 GLYCOPROTEIN
; TITLE OF INVENTION: OF HEPATITIS C VIRUS AND THEIR USE IN THE DIAGNOSIS,
; TITLE OF INVENTION: TREATMENT, AND PREVENTION OF HEPATITIS C
; FILE REFERENCE: NIH250.001NP
; CURRENT APPLICATION NUMBER: US/10/432,006
; PRIOR FILING DATE: 2003-12-16
; PRIOR APPLICATION NUMBER: PCT/US01/45221
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/250,561
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 117
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-432-006-5

Query Match 91.0%; Score 111; DB 2; Length 117;
Best Local Similarity 89.5%; Pred. No. 3.2e-07;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 GYWSWIRQPPGKGLEWIG 19
Db 31 GYWSWIRQPPGKGLEWIG 49

RESULT 14
US-10-194-975-44
; Sequence 44, Application US/10194975
; Patent No. 6881557
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-44

Query Match 90.2%; Score 110; DB 2; Length 98;
Best Local Similarity 89.5%; Pred. No. 3.6e-07;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 GYWSWIRQPPGKGLEWIG 19
Db 32 GYWSWIRQPPGKGLEWIG 50
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RESULT 15
US-09-720-493-2
; Sequence 2, Application US/09720493
; Patent No. 6827925
; GENERAL INFORMATION:
; APPLICANT: Cambridge Antibody Technology Limited
; APPLICANT: Williams, Andrew J
; APPLICANT: Tempest, Philip R
; APPLICANT: Holtet, Thor L
; APPLICANT: Main, Sarah H
; APPLICANT: Jackson, Helen
; APPLICANT: Daramola, Olsalekan
; TITLE OF INVENTION: Improvements relating to antibodies
; FILE REFERENCE: AHB/CP5775333
; CURRENT APPLICATION NUMBER: US/09/720,493
; CURRENT FILING DATE: 2002-10-23
; PRIOR APPLICATION NUMBER: GB 9814383.7
; PRIOR FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 117
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-720-493-2

Query Match          90.2%; Score 110; DB 2; Length 117;
Best Local Similarity 89.5%; Pred. No. 4.3e-07;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1 GYVSWIRQPPGKGLEWIG 19
DB      32 GYVSWIRQPPGKGLEWIG 50

Search completed: December 27, 2005, 22:44:06
Job time : 23 secs
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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: December 27, 2005, 22:43:26 ; Search time 163 Seconds
(without alignments)
48.704 Million cell updates/sec

Title: US-10-758-572-1

Perfect score: 122
Sequence: 1 GYWSWIRQPPGKGWIG 19

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA_Main:*

1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	122	100.0	19	4	US-10-468-924-6
2	122	100.0	19	4	US-10-758-572-1
3	122	100.0	19	5	US-10-758-397-6
4	122	100.0	19	5	US-10-758-397-18
5	122	100.0	20	4	US-10-468-924-18
6	119	97.5	19	4	US-10-468-924-15
7	117	95.9	19	4	US-10-468-924-13
8	116	95.1	19	4	US-10-468-924-14
9	116	95.1	252	3	US-09-880-748-1326
10	116	95.1	252	4	US-10-293-418-1326
11	114	93.4	19	4	US-10-468-924-12
12	114	93.4	19	4	US-10-468-924-16
13	114	93.4	19	4	US-10-468-924-17
14	114	93.4	80	4	US-10-078-958-2
15	114	93.4	97	4	US-10-194-975-40
16	114	93.4	97	4	US-10-194-975-49
17	114	93.4	97	4	US-10-194-975-50
18	114	93.4	97	4	US-10-308-817-83
19	114	93.4	97	4	US-10-032-037B-86
20	114	93.4	97	4	US-10-032-037B-87
21	114	93.4	97	4	US-10-032-037B-88
22	114	93.4	97	4	US-10-029-988B-86
23	114	93.4	97	4	US-10-029-988B-87
24	114	93.4	97	4	US-10-029-988B-88
25	114	93.4	97	4	US-10-032-423A-86
26	114	93.4	97	4	US-10-032-423A-87
27	114	93.4	97	4	US-10-032-423A-88

Sequence 83, Appl
Sequence 86, Appl
Sequence 87, Appl
Sequence 88, Appl
Sequence 47, Appl
Sequence 74, Appl
Sequence 128, Appl
Sequence 9, Appl
Sequence 128, Appl
Sequence 38, Appl
Sequence 38, Appl
Sequence 38, Appl
Sequence 6, Appl
Sequence 127, Appl
Sequence 38, Appl
Sequence 4315, A
Sequence 90, Appl
Sequence 36, Appl

ALIGNMENTS

RESULT 1
US-10-468-924-6
; Sequence 6, Application US/10468924
; Publication No. US20040127408A1
; GENERAL INFORMATION:
; APPLICANT: YEDA Research and Development Co. Ltd
; APPLICANT: MOZES, Edna
; TITLE OF INVENTION: Synthetic Human Peptides and Pharmaceutical Compositions Comprisi
; TITLE OF INVENTION: For the Treatment of Systemic Lupus Erythematosus
; FILE REFERENCE: TEVA-003 PCT
; CURRENT APPLICATION NUMBER: US/10/468,924
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: IL 141647
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Human
US-10-468-924-6

Query Match 100.0%; Score 122; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.4e-08;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GYWSWIRQPPGKGWIG 19
Db 1 GYWSWIRQPPGKGWIG 19

RESULT 2
US-10-758-572-1
; Sequence 1, Application US/10758572
; Publication No. US20040180059A1
; GENERAL INFORMATION:
; APPLICANT: Cohen-Vered, Sharon
; APPLICANT: Naftali, Emira
; APPLICANT: Weinstein, Vera
; APPLICANT: Gilbert, Adrian
; APPLICANT: Klinger, Ety
; TITLE OF INVENTION: PARENTERAL FORMULATIONS OF A PEPTIDE FOR THE TREATMENT OF SYSTEM
; FILE REFERENCE: 2609/68518-A
; CURRENT APPLICATION NUMBER: US/10/758,572
; CURRENT FILING DATE: 2004-01-14
; NUMBER OF SEQ ID NOS: 1
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 19

```
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A synthetic peptide of 19 amino acids based on the
; OTHER INFORMATION: complementarity-determining region 1 (CDR1) of the
; OTHER INFORMATION: human anti-dsDNA mAb denoted 16/6 Id
US-10-758-572-1

Query Match      100.0%; Score 122; DB 4; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.4e-08;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GYWSWIRQPPGKGEWIG 19
Db      1 GYWSWIRQPPGKGEWIG 19

RESULT 3
US-10-758-397-6
; Sequence 6, Application US/10758397
; Publication No. US20050008634A1
; GENERAL INFORMATION:
; APPLICANT: Cohen-Vered, et al., Sharon
; TITLE OF INVENTION: PARENTAL FORMULATIONS OF PEPTIDES FOR THE TREATMENT OF SYSTEMIC
; FILE REFERENCE: 2609/68811-A
; CURRENT APPLICATION NUMBER: US/10/758,397
; CURRENT FILING DATE: 2004-01-14
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic peptide based on CDR of mouse autoantibody
US-10-758-397-6

Query Match      100.0%; Score 122; DB 5; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.4e-08;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GYWSWIRQPPGKGEWIG 19
Db      1 GYWSWIRQPPGKGEWIG 19

RESULT 4
US-10-758-397-18
; Sequence 18, Application US/10758397
; Publication No. US20050008634A1
; GENERAL INFORMATION:
; APPLICANT: Cohen-Vered, et al., Sharon
; TITLE OF INVENTION: PARENTAL FORMULATIONS OF PEPTIDES FOR THE TREATMENT OF SYSTEMIC
; FILE REFERENCE: 2609/68811-A
; CURRENT APPLICATION NUMBER: US/10/758,397
; CURRENT FILING DATE: 2004-01-14
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic peptide based on the complementarity-determining region
; OTHER INFORMATION: 1 of human anti-dsDNA mAb denoted 16/6 Id
US-10-758-397-18

Query Match      100.0%; Score 122; DB 5; Length 19;
Best Local Similarity 100.0%; Pred. No. 2.4e-08;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy      1 GYWSWIRQPPGKGEWIG 19
Db      1 GYWSWIRQPPGKGEWIG 19

RESULT 5
US-10-468-924-18
; Sequence 18, Application US/10468924
; Publication No. US20040127408A1
; GENERAL INFORMATION:
; APPLICANT: YEDA Research and Development Co. Ltd
; APPLICANT: MOZES, Edna
; TITLE OF INVENTION: Synthetic Human Peptides and Pharmaceutical Compositions Comprisi
; TITLE OF INVENTION: for the Treatment of Systemic Lupus Erythematosus
; FILE REFERENCE: TEVA-003 PCT
; CURRENT APPLICATION NUMBER: US/10/468,924
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: IL 141647
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A peptide of SEQ ID NO: 11 wherein Xaa(1) is Thr Gly, Xaa(8) is A
; OTHER INFORMATION: rg, Xaa(10) is Pro, Xaa(12) is Gly, Xaa(13) is Lys, and Xaa(15) i
; OTHER INFORMATION: s Glu.
US-10-468-924-18

Query Match      100.0%; Score 122; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 2.5e-08;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GYWSWIRQPPGKGEWIG 19
Db      2 GYWSWIRQPPGKGEWIG 20

RESULT 6
US-10-468-924-15
; Sequence 15, Application US/10468924
; Publication No. US20040127408A1
; GENERAL INFORMATION:
; APPLICANT: YEDA Research and Development Co. Ltd
; APPLICANT: MOZES, Edna
; TITLE OF INVENTION: Synthetic Human Peptides and Pharmaceutical Compositions Comprisi
; TITLE OF INVENTION: for the Treatment of Systemic Lupus Erythematosus
; FILE REFERENCE: TEVA-003 PCT
; CURRENT APPLICATION NUMBER: US/10/468,924
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: IL 141647
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A peptide of SEQ ID NO: 11 wherein Xaa(1) is Gly, Xaa(8) is Lys,
; OTHER INFORMATION: Xaa(10) is Pro, Xaa(12) is Gly, Xaa(13) is Lys, and Xaa(15) is Gl
; OTHER INFORMATION: u.
US-10-468-924-15

Query Match      97.5%; Score 119; DB 4; Length 19;
Best Local Similarity 94.7%; Pred. No. 5.6e-08;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GYWSWIRQPPGKGEWIG 19
Db      1 GYWSWIRQPPGKGEWIG 19
```


RESULT 7
US-10-468-924-13
; Sequence 13, Application US/10468924
; Publication No. US20040127408A1
; GENERAL INFORMATION:
; APPLICANT: YEDA Research and Development Co. Ltd
; APPLICANT: MOZES, Edna
; TITLE OF INVENTION: Synthetic Human Peptides and Pharmaceutical Compositions Comprisi
; TITLE OF INVENTION: for the Treatment of Systemic Lupus Erythematosus
; FILE REFERENCE: TEVA-003 PCT
; CURRENT APPLICATION NUMBER: US/10/468,924
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: IL 141647
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 13
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A peptide of SEQ ID NO: 11 wherein Xaa(11) is Gly, Xaa(8) is Arg,
; OTHER INFORMATION: Xaa(10) is Pro, Xaa(13) is Lys, and Xaa(15) is Se
; OTHER INFORMATION: r.
US-10-468-924-13

Query Match 95.9%; Score 117; DB 4; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e-07;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1 GYWSWIRQPPGKGSEWIG 19
| | | | | | | | | | | | | | | | | | | | |
Db 1 GYWSWIRQPPGKGSEWIG 19

RESULT 8
US-10-468-924-14
; Sequence 14, Application US/10468924
; Publication No. US20040127408A1
; GENERAL INFORMATION:
; APPLICANT: YEDA Research and Development Co. Ltd
; APPLICANT: MOZES, Edna
; TITLE OF INVENTION: Synthetic Human Peptides and Pharmaceutical Compositions Comprisi
; TITLE OF INVENTION: for the Treatment of Systemic Lupus Erythematosus
; FILE REFERENCE: TEVA-003 PCT
; CURRENT APPLICATION NUMBER: US/10/468,924
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: IL 141647
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 14
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: A peptide of SEQ ID NO: 11 wherein Xaa(11) is Gly, Xaa(8) is Arg,
; OTHER INFORMATION: Xaa(10) is Pro, Xaa(13) is Asp, and Xaa(15) is Gl
; OTHER INFORMATION: u.
US-10-468-924-14

Query Match 95.1%; Score 116; DB 4; Length 19;
Best Local Similarity 94.7%; Pred. No. 1.3e-07;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1 GYWSWIRQPPGKGSEWIG 19
| | | | | | | | | | | | | | | | | | | | |
Db 1 GYWSWIRQPPGKGSEWIG 19

RESULT 9

US-09-880-748-1326
; Sequence 1326, Application US/09880748
; Publication No. US20030059937A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523
; CURRENT APPLICATION NUMBER: US/09/880,748
; CURRENT FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; NUMBER OF SEQ ID NOS: 3239
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 1326
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-880-748-1326

Query Match 95.1%; Score 116; DB 3; Length 252;
Best Local Similarity 94.7%; Pred. No. 1.3e-06;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 1 GYWSWIRQPPGKGSEWIG 19
| | | | | | | | | | | | | | | | | | | | |
Db 31 GYWSWIRQPPGKGSEWIG 49

RESULT 10
US-10-293-418-1326
; Sequence 1326, Application US/10293418
; Publication No. US20030223996A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P2
; CURRENT APPLICATION NUMBER: US/10/293,418
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 60/212,210
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1326
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-293-418-1326

Query Match 95.1%; Score 116; DB 4; Length 252;
Best Local Similarity 94.7%; Pred. No. 1.3e-06;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GYWSWIRQPPGKGEWIG 19
Db 31 GYWSWIRQPPGKGEWIG 49

RESULT 11
 US-10-468-924-12
 ; Sequence 12, Application US/10468924
 ; Publication No. US20040127408A1
 ; GENERAL INFORMATION:
 ; APPLICANT: YEDA Research and Development Co. Ltd
 ; APPLICANT: MOZES, Edna
 ; TITLE OF INVENTION: Synthetic Human Peptides and Pharmaceutical Compositions Comprised of Peptides of the Sequence of Systemic Lupus Erythematosus
 ; TITLE OF INVENTION: for the Treatment of Systemic Lupus Erythematosus
 ; FILE REFERENCE: TEVA-003 PCT
 ; CURRENT APPLICATION NUMBER: US/10/468,924
 ; CURRENT FILING DATE: 2003-08-21
 ; PRIOR APPLICATION NUMBER: IL 141647
 ; PRIOR FILING DATE: 2001-02-26
 ; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 12
 ; LENGTH: 19
 ; TYPE: PRT
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: A peptide of SEQ ID NO: 11 wherein Xaa(1) is Gly, Xaa(8) is Arg, Xaa(10) is Pro, Xaa(12) is Gly, Xaa(13) is Lys, and Xaa(15) is Leu
 ; OTHER INFORMATION: u.
 US-10-468-924-12

RESULT 12
US-10-468-924-16
; Sequence 16, Application US/10468924
; Publication No. US20040127408A1
; GENERAL INFORMATION:
; APPLICANT: YEBA Research and Development Co. Ltd
; APPLICANT: MOZES, Edna
; TITLE OF INVENTION: Synthetic Human Peptides and Pharmaceutical Compositions Comprisi
; TITLE OF INVENTION: for the Treatment of Systemic Lupus Erythematosus
; FILE REFERENCE: TEVA-003 PCT
; CURRENT APPLICATION NUMBER: US/10/468,924
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: IL 141647
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A peptide of SEQ ID NO: 11 wherein Xaa(1) is Gly, Xaa(8) is Arg,
; OTHER INFORMATION: Xaa(10) is Ser, Xaa(12) is Gly, Xaa(13) is Lys, and Xaa(15) is Gl
; OTHER INFORMATION: u.
US-10-468-924-16

RESULT 13
US-10-468-924-17
; Sequence 17, Application US/10468924
; Publication No. US20040127408A1
; GENERAL INFORMATION:
; APPLICANT: YEDA Research and Development Co. Ltd
; APPLICANT: MOZES, Edna
; TITLE OF INVENTION: Synthetic Human Peptides and Pharmaceutical Compositions Comprisi
; TITLE OF INVENTION: for the Treatment of Systemic Lupus Erythematosus
; FILE REFERENCE: TEVA-003 PCT
; CURRENT APPLICATION NUMBER: US/10/468, 924
; CURRENT FILING DATE: 2003-08-21
; PRIOR APPLICATION NUMBER: IL 141647
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 17
; LENGTH: 19
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: A peptide of SEQ ID NO: 11 wherein Xaa(1) is Gly, Xaa(8) is Arg,
; OTHER INFORMATION: Xaa(10) is Pro, Xaa(12) is Glu, Xaa(13) is Lys, and Xaa(15) is Gl
; OTHER INFORMATION: u.
US-10-468-924-17

RESULT 14
US-10-078-958-2
; Sequence 2, Application US/10078958
; Publication No. US20030070185A1
; GENERAL INFORMATION:
; APPLICANT: JAKOBOVITS, AYA
; APPLICANT: KUCHERLAPATI, RAJU
; APPLICANT: KLAPHOLZ, SUSAN
; APPLICANT: MENDEZ, MICHAEL J.
; APPLICANT: GREEN, LAREY
; TITLE OF INVENTION: TRANSGENIC MAMMALS HAVING HUMAN Ig LOCI INCLUDING
; TITLE OF INVENTION: PLURAL VH AND VK REGIONS AND ANTIBODIES PRODUCED
; TITLE OF INVENTION: THEREFROM
; FILE REFERENCE: CELL 4.18 CON
; CURRENT APPLICATION NUMBER: US/10/078,958
; CURRENT FILING DATE: 2002-02-19
; PRIOR APPLICATION NUMBER: 08/759,620
; PRIOR FILING DATE: 1996-12-03
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 80
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-078-958-2

RESULT 15

US-10-194-975-40
; Sequence 40, Application US/10194975
; Publication No. US20030039649A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: Super Humanized Antibodies
; FILE REFERENCE: 501231.01
; CURRENT APPLICATION NUMBER: US/10/194,975
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 97
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-194-975-40

Query Match 93.4%; Score 114; DB 4; Length 97;
Best Local Similarity 94.7%; Pred. No. 1e-06;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GYWSWIRQPPGKGEEWIG 19
|||
Db 31 GYWSWIRQPPGKGEEWIG 49
|||

Search completed: December 27, 2005, 22:56:54
Job time : 164 secs

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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: December 27, 2005, 22:43:47 ; Search time 13 Seconds
(without alignments)
10.425 Million cell updates/sec

Title: US-10-758-572-1

Perfect score: 122

Sequence: 1 GYWSWIRQPKGGEWIG 19

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 54001 seqs, 7132810 residues

Total number of hits satisfying chosen parameters: 54001

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA New:*

- 1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB pep.*
- 2: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB pep.*
- 3: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB pep.*
- 4: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB pep.*
- 5: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB pep.*
- 6: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB pep.*
- 7: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB pep.*
- 8: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	ID	Description
1	116	95.1	252	7 US-11-054-515-1326
2	114	93.4	97	7 US-11-054-669-40
3	114	93.4	97	7 US-11-054-669-49
4	114	93.4	97	7 US-11-054-669-50
5	114	93.4	98	7 US-11-012-353-74
6	114	93.4	98	7 US-11-084-554-51
7	114	93.4	99	7 US-11-084-554-55
8	114	93.4	123	7 US-11-012-353-73
9	114	93.4	249	7 US-11-054-515-1321
10	114	93.4	250	7 US-11-054-515-1313
11	114	93.4	253	7 US-11-054-515-1433
12	114	93.4	254	7 US-11-054-515-1659
13	111	91.0	251	7 US-11-054-515-1316
14	110	90.2	98	7 US-11-054-669-44
15	110	90.2	117	7 US-11-012-353-162
16	110	90.2	247	7 US-11-054-515-1651
17	110	90.2	250	7 US-11-054-515-1548
18	109	89.3	250	7 US-11-054-515-1645
19	108	88.5	97	7 US-11-144-248-36
20	108	88.5	97	7 US-11-054-669-42
21	108	88.5	97	7 US-11-054-669-52
22	108	88.5	97	7 US-11-054-669-53
23	108	88.5	97	7 US-11-084-554-54
24	108	88.5	99	7 US-11-054-669-38
25	108	88.5	99	7 US-11-054-669-43

26	108	88.5	113	7	US-11-144-248-20	Sequence 20, Appl
27	108	88.5	253	7	US-11-054-515-1339	Sequence 1339, Ap
28	107	87.7	249	7	US-11-054-515-957	Sequence 957, App
29	107	87.7	249	7	US-11-054-515-1962	Sequence 1962, Ap
30	106	86.9	255	7	US-11-054-515-1642	Sequence 1642, Ap
31	105	86.1	99	7	US-11-054-669-36	Sequence 36, Appl
32	105	86.1	99	7	US-11-054-669-37	Sequence 37, Appl
33	105	86.1	99	7	US-11-054-669-39	Sequence 39, Appl
34	105	86.1	99	7	US-11-084-554-50	Sequence 50, Appl
35	105	86.1	253	7	US-11-054-515-1619	Sequence 1619, Ap
36	105	86.1	254	7	US-11-054-515-1578	Sequence 1578, Ap
37	105	86.1	256	7	US-11-054-515-1607	Sequence 1607, Ap
38	104	85.2	99	7	US-11-054-669-41	Sequence 41, Appl
39	104	85.2	99	7	US-11-084-554-52	Sequence 52, Appl
40	104	85.2	251	7	US-11-054-515-990	Sequence 990, App
41	104	85.2	252	7	US-11-054-515-1329	Sequence 1329, Ap
42	104	85.2	255	7	US-11-054-515-841	Sequence 841, App
43	103	84.4	117	7	US-11-012-353-79	Sequence 79, Appl
44	103	84.4	117	7	US-11-012-353-83	Sequence 83, Appl
45	103	84.4	135	7	US-11-012-353-81	Sequence 81, Appl

ALIGNMENTS

RESULT 1
US-11-054-515-1326
; Sequence 1326, Application US/11054515
; Publication No. US2005025532A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PFS23F3
; CURRENT APPLICATION NUMBER: US/11/054,515
; CURRENT FILING DATE: 2005-02-10
; PRIOR APPLICATION NUMBER: 60/543,296
; PRIOR FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: 60/580,347
; PRIOR FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: 10/293,418
; PRIOR FILING DATE: 2002-11-14
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1326
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-054-515-1326

Query Match 95.1%; Score 116; DB 7; Length 252;
Best Local Similarity 94.7%; Pred. No. 2.4e-08;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1 GYWSWIRQPKGGEWIG 19
Db 31 GYWSWIRQPKGGEWIG 49

RESULT 2

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US-11-054-669-40
; Sequence 40, Application US/11054669
; Publication No. US20050261480A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: SUPER HUMANIZED ANTIBODIES
; FILE REFERENCE: 30219/US/3
; CURRENT APPLICATION NUMBER: US/11/054,669
; CURRENT FILING DATE: 2005-02-08
; PRIOR APPLICATION NUMBER: US 10/194,975
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 40
; LENGTH: 97
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-054-669-40

Query Match      93.4%; Score 114; DB 7; Length 97;
Best Local Similarity 94.7%; Pred. No. 2e-08;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 GYWSWIRQPPGKGEWIG 19
Db      31 GYWSWIRQPPGKGEWIG 49

RESULT 3
US-11-054-669-49
; Sequence 49, Application US/11054669
; Publication No. US20050261480A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: SUPER HUMANIZED ANTIBODIES
; FILE REFERENCE: 30219/US/3
; CURRENT APPLICATION NUMBER: US/11/054,669
; CURRENT FILING DATE: 2005-02-08
; PRIOR APPLICATION NUMBER: US 10/194,975
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 49
; LENGTH: 97
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-054-669-49

Query Match      93.4%; Score 114; DB 7; Length 97;
Best Local Similarity 94.7%; Pred. No. 2e-08;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 GYWSWIRQPPGKGEWIG 19
Db      31 GYWSWIRQPPGKGEWIG 49

US-11-054-669-50
; Sequence 50, Application US/11054669
; Publication No. US20050261480A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: SUPER HUMANIZED ANTIBODIES
; FILE REFERENCE: 30219/US/3
; CURRENT APPLICATION NUMBER: US/11/054,669
; CURRENT FILING DATE: 2005-02-08
; PRIOR APPLICATION NUMBER: US 10/194,975
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 50
; LENGTH: 97
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-054-669-50

Query Match      93.4%; Score 114; DB 7; Length 97;
Best Local Similarity 94.7%; Pred. No. 2e-08;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 GYWSWIRQPPGKGEWIG 19
Db      31 GYWSWIRQPPGKGEWIG 49

US-11-054-669-51
; Sequence 51, Application US/11084554
; Publication No. US20050260679A1
; GENERAL INFORMATION:
; APPLICANT: Kellermann, Sirid-Ai
; APPLICANT: Green, Larry L.
; APPLICANT: Korver, Wouter
; TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
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US-11-054-669-50
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 50
; LENGTH: 97
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-054-669-50

Query Match      93.4%; Score 114; DB 7; Length 97;
Best Local Similarity 94.7%; Pred. No. 2e-08;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 GYWSWIRQPPGKGEWIG 19
Db      31 GYWSWIRQPPGKGEWIG 49

RESULT 5
US-11-012-353-74
; Sequence 74, Application US/11012353
; Publication No. US20050249730A1
; GENERAL INFORMATION:
; APPLICANT: GOETSCH, LILIANE
; APPLICANT: CORVAIA, NATHALIE
; APPLICANT: DUFLOS, ALAIN
; APPLICANT: HAEUW, JEAN-FRANCOIS
; APPLICANT: LEGER, OLIVIER
; APPLICANT: BECK, ALAIN
; TITLE OF INVENTION: NOVEL ANTI-IGF-IR AND/OR ANTI-INSULIN/IGF-I HYBRID
; FILE REFERENCE: 017753-198
; CURRENT APPLICATION NUMBER: US/11/012,353
; CURRENT FILING DATE: 2004-12-16
; PRIOR APPLICATION NUMBER: 10/735,916
; PRIOR FILING DATE: 2003-12-16
; PRIOR APPLICATION NUMBER: FR 0308538
; PRIOR FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: PCT/FR03/00178
; PRIOR FILING DATE: 2003-01-20
; PRIOR APPLICATION NUMBER: FR 0205753
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: FR 0200653
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: FR 0200654
; PRIOR FILING DATE: 2002-01-18
; NUMBER OF SEQ ID NOS: 162
; SOFTWARE: PatentIn Ver. 3.3
; SEQ ID NO 74
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-012-353-74

Query Match      93.4%; Score 114; DB 7; Length 98;
Best Local Similarity 94.7%; Pred. No. 2e-08;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1 GYWSWIRQPPGKGEWIG 19
Db      32 GYWSWIRQPPGKGEWIG 50

RESULT 6
US-11-084-554-51
; Sequence 51, Application US/11084554
; Publication No. US20050260679A1
; GENERAL INFORMATION:
; APPLICANT: Kellermann, Sirid-Ai
; APPLICANT: Green, Larry L.
; APPLICANT: Korver, Wouter
; TITLE OF INVENTION: REDUCING THE RISK OF HUMAN ANTI-HUMAN
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QY 1 GYWSWIRQPPGKGEWIG 19
Db 31 GYWSWIRQPPGKGEWIG 49

RESULT 10
US-11-054-515-1413
; Sequence 1413, Application US/11054515
; Publication No. US2005025532A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P3
; CURRENT APPLICATION NUMBER: US/11/054,515
; CURRENT FILING DATE: 2005-02-10
; PRIOR APPLICATION NUMBER: 60/543,296
; PRIOR FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: 60/580,347
; PRIOR FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: 10/293,418
; PRIOR FILING DATE: 2002-11-14
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1413
; LENGTH: 250
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-054-515-1413
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Query Match 93.4%; Score 114; DB 7; Length 250;
Best Local Similarity 94.7%; Pred. No. 4.2e-08;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1 GYWSWIRQPPGKGEWIG 19
Db 31 GYWSWIRQPPGKGEWIG 49
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RESULT 11
US-11-054-515-1333
; Sequence 1333, Application US/11054515
; Publication No. US2005025532A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P3
; CURRENT APPLICATION NUMBER: US/11/054,515
; CURRENT FILING DATE: 2005-02-10
; PRIOR APPLICATION NUMBER: 60/543,296
; PRIOR FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: 60/580,347
; PRIOR FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: 10/293,418
; PRIOR FILING DATE: 2002-11-14
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
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; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1333
; LENGTH: 253
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-054-515-1333
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Query Match 93.4%; Score 114; DB 7; Length 253;
Best Local Similarity 94.7%; Pred. No. 4.2e-08;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY 1 GYWSWIRQPPGKGEWIG 19
Db 31 GYWSWIRQPPGKGEWIG 49
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RESULT 12
US-11-054-515-1659
; Sequence 1659, Application US/11054515
; Publication No. US2005025532A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunospecifically Bind Blys
; FILE REFERENCE: PF523P3
; CURRENT APPLICATION NUMBER: US/11/054,515
; CURRENT FILING DATE: 2005-02-10
; PRIOR APPLICATION NUMBER: 60/543,296
; PRIOR FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: 60/580,347
; PRIOR FILING DATE: 2004-06-18
; PRIOR APPLICATION NUMBER: 10/293,418
; PRIOR FILING DATE: 2002-11-14
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1659
; LENGTH: 254
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-054-515-1659
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Query Match 93.4%; Score 114; DB 7; Length 254;
Best Local Similarity 94.7%; Pred. No. 4.2e-08;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 1 GYWSWIRQPPGKGEWIG 19
Db 31 GYWSWIRQPPGKGEWIG 49
```



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RESULT 13
US-11-054-515-1316
; Sequence 1316, Application US/11054515
; Publication No. US2005025532A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: Antibodies that Immunosepecifically Bind Blys
; FILE REFERENCE: PFS23P3
; CURRENT APPLICATION NUMBER: US/11/054,515
; CURRENT FILING DATE: 2005-02-10
; PRIOR APPLICATION NUMBER: 60/543,296
; PRIOR FILING DATE: 2004-02-11
; PRIOR APPLICATION NUMBER: 60/580,347
; PRIOR FILING DATE: 2004-05-18
; PRIOR APPLICATION NUMBER: 10/293,418
; PRIOR FILING DATE: 2002-11-14
; PRIOR APPLICATION NUMBER: 60/331,469
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/340,817
; PRIOR FILING DATE: 2001-12-19
; PRIOR APPLICATION NUMBER: 09/880,748
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/293,499
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: 60/277,379
; PRIOR FILING DATE: 2001-03-21
; PRIOR APPLICATION NUMBER: 60/276,248
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/240,816
; PRIOR FILING DATE: 2000-10-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 3247
; SEQ ID NO 1316
; LENGTH: 251
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-054-515-1316

Query Match          91.0%; Score 111; DB 7; Length 251;
Best Local Similarity 89.5%; Pred. No. 1e-07;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1 GYWSWIRQPPGKGEWIG 19
Db 31 GYWTWIRQPPGKGEWIG 49
|||||

RESULT 14
US-11-054-669-44
; Sequence 44, Application US/11054669
; Publication No. US20050261480A1
; GENERAL INFORMATION:
; APPLICANT: Foote, Jefferson
; TITLE OF INVENTION: SUPER HUMANIZED ANTIBODIES
; FILE REFERENCE: 30219/US/3
; CURRENT APPLICATION NUMBER: US/11/054,669
; CURRENT FILING DATE: 2005-02-08
; PRIOR APPLICATION NUMBER: US 10/194,975
; PRIOR FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: US 60/305,111
; PRIOR FILING DATE: 2001-07-12
; NUMBER OF SEQ ID NOS: 124
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 44
; LENGTH: 98
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-054-669-44

Query Match          90.2%; Score 110; DB 7; Length 98;
Best Local Similarity 89.5%; Pred. No. 6.4e-08;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 GYWSWIRQPPGKGEWIG 19
Db 31 GYWTWIRQPPGKGEWIG 49
|||||

RESULT 15
US-11-012-353-162
; Sequence 162, Application US/11012353
; Publication No. US20050249730A1
; GENERAL INFORMATION:
; APPLICANT: GOETSCH, LILIANE
; APPLICANT: CORVAIA, NATHALIE
; APPLICANT: DUFILOS, ALAIN
; APPLICANT: HAEUW, JEAN-FRANCOIS
; APPLICANT: LEGER, OLIVIER
; APPLICANT: BECK, ALAIN
; TITLE OF INVENTION: NOVEL ANTI-IGF-IR AND/OR ANTI-INSULIN/IGF-I HYBRID
; TITLE OF INVENTION: RECEPTORS ANTIBODIES AND USES THEREOF
; FILE REFERENCE: 017753-198
; CURRENT APPLICATION NUMBER: US/11/012,353
; CURRENT FILING DATE: 2004-12-16
; PRIOR APPLICATION NUMBER: 10/735,916
; PRIOR FILING DATE: 2003-12-16
; PRIOR APPLICATION NUMBER: FR 0308538
; PRIOR FILING DATE: 2003-07-11
; PRIOR APPLICATION NUMBER: PCT/FR03/00178
; PRIOR FILING DATE: 2003-01-20
; PRIOR APPLICATION NUMBER: FR 0205753
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: FR 0200653
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: FR 0200654
; PRIOR FILING DATE: 2002-01-18
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Query Match          90.2%; Score 110; DB 7; Length 117;
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